



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA STREET, N.W.  
ATLANTA, GEORGIA 30303

Report No.: 50-395/78-23

Docket No.: 50-395

License No.: CPPR-94

Category: A3

Licensee: South Carolina Electric and Gas Company  
P. O. Box 764  
Columbia, South Carolina 29202

Facility Name: V. C. Summer

Inspection at: Fairfield County, South Carolina

Inspection Conducted: October 10-12, 1978

Inspectors: T. D. Gibbons  
R. J. Hardwick, Jr.

Reviewed by: R. M. Compton  
J. C. Bryant, Chief  
Engineering Support Section No. 1  
Reactor Construction and Engineering Support Branch

11/2/78  
Date

Inspection Summary

Inspection on October 10-12, 1978 (Report No. 50-395/78-23)

Areas Inspected: Electrical components and systems work and quality records. Inspection involved 48 inspector-hours on site by two NRC inspectors.

Results: There were no items of noncompliance or deviations identified.

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## DETAILS I

Prepared by:

T. D. Gibbons

T. D. Gibbons, Electrical Engineer  
Engineering Support Section No. 1  
Reactor Construction and Engineering  
Support Branch

11-2-78

Date

R. J. Hardwick, Jr.

R. J. Hardwick, Jr., Reactor Inspector  
Engineering Support Section No. 1  
Reactor Construction and Engineering  
Support Branch

11/2/78

Date

Dates of Inspection: October 10-12, 1978

Reviewed by:

J. C. Bryant

J. C. Bryant, Chief  
Engineering Support Section No. 1  
Reactor Construction and Engineering  
Support Branch

11/2/78

Date

1. Persons ContactedSouth Carolina Electric and Gas Company

- \*H. I. Donnelly, Jr., Site QA Coordinator
- \*E. Evans, QA Engineer
- \*D. A. Nauman, QA Manager
- \*J. F. Algar, Site Manager

\*Denotes those attending the exit interview.

2. Licensee Action on Previous Inspection Findings

The licensee actions on previous inspection findings were not reviewed during this inspection.

3. Unresolved Items

There were no new unresolved items identified during this inspection.

4. Independent Inspection Effort

The inspectors conducted a four hour backshift inspection of cable, tray and conduit installation; the implementation of fire protection procedures which control welding and burning practices; and work in progress on cable terminations.

Within the areas examined there were no items of noncompliance identified.

5. Electrical (Components and Systems) Observation of Work and Work Activities

The inspectors selected the components listed below to assure that the FSAR requirements were being complied with:

- a. Batteries XBA-1A, XBA-1B
- b. 125V DC Buss DPN-1HA, DPN-1HB
- c. 125V DC Load Center DPN-1HA-1-ED, DPN-1HB-1-ED
- d. Component Cooling Water Pump Motors MPP-001A, MPP-001B and MPP-001C
- e. Service Water Booster Pump Motors MPP45A, MPP45B
- f. Emergency Feedwater Pump Motors MPP0021A, MPP0021B
- g. Valve Operator Motors XVG-1001A-EF, XVG-1001B-EF, XVG-1037A-EF, XVG-1037B-EF, SVG-1008-EF
- h. 120V Vital AC Panel APN-1FA
- i. Inverter XIT-5902
- j. Battery Chargers XBC-1A, XBC-1B, XBC-1A-1B
- k. Chiller Unit Motor XHX-1B

The inspectors examined the components to assure that the requirements were followed in the areas of receipt inspection, storage, handling, installation, installation inspection, control of nonconforming material, protection, separation, redundancy and procedure revision control. The calibration and trip settings were not available at this time.

Within the areas examined there were no items of noncompliance identified.

6. Electrical (Components and Systems II) Review of Quality Records

The inspectors selected the equipment identified in Paragraph 5 for a quality records review. Manufacturer's certifications for the various equipment tests required by equipment specifications were reviewed. All equipment had

been inspected upon receipt and during storage. Several monthly area inspection reports, which covered the areas in which the listed equipment is installed, were reviewed and it was confirmed that required protection is being provided after installation.

The inspectors selected ten nonconformance notices (NCN) as follows: 452E, 474E, 501E, 506E, 508E, 525E, 531E, 534E, 535E, 539E and 542E. The above NCN's were reviewed for current status, quality control (QC) review and record retrievability. The NCN's contained corrective action and present status.

Within the areas inspected, no items of noncompliance were identified.

7. Exit Interview

The inspectors met with licensee representatives (denoted in Paragraph 1) at the conclusion of the inspection on October 12, 1978. The inspectors summarized the scope of the inspection as follows:

(A) Electrical Work Observations

(B) Electrical Review of Quality Records

There were no items of noncompliance identified.